

CLAIMS

1. An assembly for internal placement of a component within a vehicle fuel tank, the assembly comprising:

a first housing having a first projection formed thereon;

a second housing adjustable relative to the first housing, the second housing having a second projection formed thereon;

a spring biasing the first and second housings apart; and

a fuel tank defined in part by an first wall and a second wall, the first wall including a first depression sized to receive the first p

projection, the second wall including a second depression sized to receive the second projection.

2. The assembly of claim 1, wherein the first and second housings are located entirely within the fuel tank.

3. The assembly of claim 1, wherein both the first and second housing are adjustable relative to the first and second walls of the fuel tank.

4. The assembly of claim 1, further comprising a pin attached to the first housing, the first pin positioned to limit the movement of the second housing relative to the first housing.

5. The assembly of claim 1, wherein the first housing telescopically receives the second housing.

6. The assembly of claim 1, wherein the first housing contains a grade vent valve.

7. The assembly of claim 1, further comprising a third housing positioned between the first and second housings, the spring engaging the second and third housings to bias the second housing away from the first and third housings.

8. The assembly of claim 1, wherein the first and second projections are tapered to promote seating of the first and second projections in the first and second depressions.

9. The assembly of claim 1, wherein the first and second projections each include a key member and the first and second depressions each include a key hole size to receive the key member.

10. The assembly of claim 1, wherein the first and second projections have a non-circular cross-sectional shape.

11. The assembly of claim 10, wherein the first and second projections have an oblong cross-sectional shape.

12. The assembly of claim 1, wherein in the first and second depressions are formed on first and second plateaus raised from the surface of the first and second walls.

13. The assembly of claim 12, wherein the first housing defines a first rim from which the first projection extends.

14. The assembly of claim 1, wherein the first wall defines an access opening, the first and second depressions being horizontally spaced from the access opening.

15. A component for internal placement within a vehicle fuel tank, the component comprising:

a first housing and a second housing;

a spring biasing the first and second housings apart;

a first connection member attached to the first housing;

a second connection member attached to the second housing

the second housing being adjustable relative to the first housing to position the first and second connection members for selective engagement of the fuel tank.

16. The component of claim 15, wherein the first and second connection members each include a projection.

17. The component of claim 16, wherein the projections are tapered to promote seating of the projections.

18. The component of claim 16, wherein the projections have an oblong cross-sectional shape.

19. The component of claim 15, wherein the first and second connection members each include a rim and a projection extending therefrom.

20. The component of claim 15, wherein the component is located entirely within the fuel tank.